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Substitute for form 1449A PTO

**SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Shee 1 of 1  
(use as many sheets as necessary)*Complete if Known*

Application Number	10/008,574
Filing Date	Oct 26, 2001
First Named Inventor	Walke
Group Art Unit	1645
Examiner Name	Not Yet Assigned

Attorney Docket Number LEX-0264-USA

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>5</sup> (if known)			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	DX	WO 02 22665 A			Takeda Chemical Industries	03-21-2002		
	DY	WO 02 26825 A			Incyte Genomics	04-04-2002		
	DZ	WO 02 29050 A			Bayer Aktiengesellschaft	04-11-2002		
	EA	WO 02 29051 A			Bayer Aktiengesellschaft	04-11-2002		

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	EB	DATABASE EMBL 19 May 2000, CORBY N: "Human DNA sequence from clone RP11-550C4 on chromosome 6", Database accession no. AL356421, XP002229817, Positions 56940-58380	
	EC	DATABASE EMBL 22 March 2000, SIMS S.: "Human DNA sequence from clone RP11-337K13 "Sequencing cancelled", Database accession no. AL161776, XP002229818, Positions 119530-120990	
	ED	ICHTCHENKO K ET AL: "A NOVEL UBIQUITOUSLY EXPRESSED ALPHA-LATROTOXIN RECEPTOR IS A MEMBER OF THE CIRL FAMILY OF G-PROTEIN-COUPLED RECEPTORS" JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, BALTIMORE, MD, US, vol. 274, no. 9, 26 February 1999, pages 5491-5498, XP000828192, ISSN: 0021-9258	
	EE	LELIANOVA V G ET AL: "ALPHA-LATROTOXIN RECEPTOR, LATROPHILIN, IS A NOVEL MEMBER OF THE SECRETIN FAMILY OF G PROTEIN-COUPLED RECEPTORS: JOURNAL OF BIOLOGICAL CHEMISTRY, AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS. BALTIMORE, MD, US, vol. 272, no. 34, 22 August 1997. pages 21504-21508. XP002066460. issn: 0021-9258	
	EF	OSTERHOFF C ET AL: "CLONING OF A HUMAN EPIDIDYMIS-SPECIFIC mRNA, HE6, ENCODING A NOVEL MEMBER OF THE SEVEN TRANSMEMBRANE-DOMAIN RECEPTOR SUPERFAMILY" DNA AND CELL BIOLOGY, NEW YORK, NY, US, vol. 16, no. 4, 1997, pages 379-389, XP002925525, ISSN:1044-5498	
	EG	STADEL J M ET AL: "Orphan G protein-coupled receptors: a neglected opportunity for pioneer drug discovery" TRENDS IN PHARMACOLOGICAL SCIENCES, ELSEVIER TRENDS JOURNAL, CAMBRIDGE, GB, vol. 18, no. 11, 1 November 1997, pages 430-437, XP004099345, ISSN 0165-6147.	
	EH	SUGITA S ET AL: "ALPHA-LATROTOXIN RECEPTOR CIRL/LATROPHILIN 1 (CL1) DEFINES AN UNUSUAL FAMILY OF UBIQUITOUS G-PROTEIN-LINKED RECEPTORS" JOURNAL OF BIOLOGICAL CHEMISTRY, THE AMERICAN SOCIETY OF BIOLOGICAL CHEMISTS, INC., US, vol. 273, no. 49, 1998, pages 32715-32724, XP000946649, issn: 0021-9258	
	EI	International Search Report	

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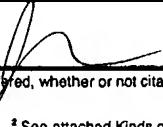
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Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/008,574
				Filing Date	October 26, 2001
				First Named Inventor	Hu
				Group Art Unit	1645
				Examiner Name	Not Yet Assigned
Sheet	1	0	4	Attorney Docket Number	LEX-0264-USA

MAR 29 2002

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
	AA	4,215,051		Schroeder et al	07/29/80	
	AB	4,376,110		David et al	03/08/83	
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	AD	4,631,211		Houghten	12/23/86	
	AE	4,683,195		Mullis et al.	7/28/87	
	AF	4,683,202		Mullis	07/28/87	
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	AN	5,272,057		Smulson et al.	12/21/93	
	AO	5,283,173		Fields et al.	2/1/94	
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	AW	5,625,048		Tsien et al	04/29/97	
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	BH	5,874,304		Zolotukhin et al.	02/23/99	

Examiner Signature		Date Considered	6-28-04
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\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next cc to applicant.

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## U.S. PATENT DOCUMENTS

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<i>J</i>	BY	WO	98/03243	A1	Henkel Kommanditgesellschaft Auf	01/29/98	Figures Appear	

#### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS			
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	BZ	Askew et al, 1989, "Molecular Recognition with Convergent Functional Groups, 6. Synthetic and Structural Studies with a Model Receptor for Nucleic Acid Components", <i>J. Am. Chem. Soc.</i> 111:1082-1090.	T <sup>2</sup>
	CA	Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", <i>Science</i> 242:423-426.	
	CB	Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", <i>Methods in Enzymology</i> 153:516-544.	
	CC	Butler, 1981, "The Amplified ELISA: Principles of and Applications for the Comparative Quantitation of Class and Subclass Antibodies and the Distribution of Antibodies and Antigens in Biochemical Separates", <i>Methods in Enzymology</i> 73:482-523.	

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Substitute for form 1449B/PTO		Complete if Known													
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<table border="1"> <tr> <td>Application Number</td> <td>10/008,574</td> </tr> <tr> <td>Filing Date</td> <td>October 26, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Hu</td> </tr> <tr> <td>Group Art Unit</td> <td>1645</td> </tr> <tr> <td>Examiner Name</td> <td>Not Yet Assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>LEX-0264-USA</td> </tr> </table>		Application Number	10/008,574	Filing Date	October 26, 2001	First Named Inventor	Hu	Group Art Unit	1645	Examiner Name	Not Yet Assigned	Attorney Docket Number	LEX-0264-USA
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First Named Inventor	Hu														
Group Art Unit	1645														
Examiner Name	Not Yet Assigned														
Attorney Docket Number	LEX-0264-USA														
Sheet	3	of	4												

SEARCHED, SERIALIZED, INDEXED, AND FILED U.S. PATENT AND TRADEMARK OFFICE - PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	CD	Chien et al, 1991, "The two-hybrid system: A method to identify and clone genes for proteins that interact with a protein of interest", Proc. Natl. Acad. Sci. USA 88:9578-9582.
	CE	Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.
	CF	Gautier et al, 1987, "α-DNA IV:α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physiochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641.
	CG	Gordon, 1989, "Transgenic Animals", International Review of Cytology, 115:171-229.
	CH	Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.
	CI	Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.
	CJ	Houghten et al, 1991, "Generation and use of synthetic peptide combinatorial libraries for basic research and drug discovery", Nature 354:84-86.
	CK	Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.
	CL	Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.
	CM	Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and RNase H", FEBS Letters 215(2):327-330.
	CN	Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149.
	CO	Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.
	CP	Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976.
	CQ	Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497.
	CR	Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236.
	CS	Lam et al, 1991, "A new type of synthetic peptide library for identifying ligand-binding activity", Nature 354:82-84.
	CT	Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723.
	CU	Lewis et al, 1989, "Automated site-directed drug design: the formation of molecular templates in primary structure generation", Proc. R. Soc. Lond. B 236:141-162.
	CV	Lewis and Dean, 1989, "Automated site-directed drug design: the concept of spacer skeletons for primary structure generation", Proc. R. Soc. Lond. B 236:125-140.
	CW	Logan et al, 1984, "Adenovirus tripartite leader sequence enhances translation of mRNAs late after infection", Proc. Natl. Acad. Sci. USA 81:3655-3659.
	CX	Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster aprt Gene", Cell 22:817-823.
	CY	Luo et al, 1997, "Mammalian Two-Hybrid System: A Complementary Approach to the Yeast Two-Hybrid System", BioTechniques 22(2):350-352.
	CZ	McKinlay et al, 1989, "Rational Design of Antiviral Agents", Annu. Rev. Pharmacol. Toxicol. 29:111-122.

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	DA	Miyajima et al, 1986, "Expression of murine and human granulocyte-macrophage colony-stimulating factors in <i>S. cerevisiae</i> : mutagenesis of the potential glycosylation sites", The EMBO Journal 5(6):1193-1197.
	DB	Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855.
	DC	Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076.
	DD	Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608.
	DE	Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438.
	DF	O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531.
	DG	Platt, K.A. et al, 1994, "Independent Regulation of Adipose Tissue-specificity and Obesity Response of the Adipsin Promoter in Transgenic Mice", The Journal of Biological Chemistry 269(46):28558-28562.
	DH	Ripka, 1988, "Computers picture the perfect drug", New Scientist 16:54-57.
	DI	Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.
	DJ	Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156.
	DK	Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.
	DL	Smith et al, 1983, "Molecular Engineering of the <i>Autographa californica</i> Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593.
	DM	Songyang et al, 1993, "SH2 Domains Recognize Specific Phosphopeptide Sequences", Cell 72:767-778.
	DN	Stein et al, 1988, "Physiochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221.
	DO	Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034.
	DP	Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.
	DQ	Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321.
	DR	Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.
	DS	Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in <i>Escherichia coli</i> ", J. Biol. Chemistry 264(10):5503-5509.
	DT	Voller et al, 1978, "Enzyme immunoassays with special reference to ELISA techniques", J. Clinical Pathology 31:507-520.
	DU	Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ", Nature 341:544-546.
	DV	Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.
	DW	Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.

Examiner Signature	<i>[Signature]</i>	Date Considered	6-28-04
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